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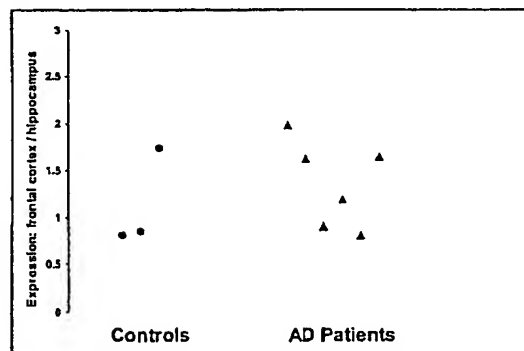
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(54) Title: DIAGNOSTIC AND THERAPEUTIC USE OF TB2 GENE AND PROTEIN FOR NEURODEGENERATIVE DISEASES

sample Δ (fold)
(frontal cortex / hippocampus)

control C005	0.81
control C008	0.85
control C004	1.74
patient P012	1.98
patient P016	1.61
patient P010	0.89
patient P011	1.18
patient P014	0.79
patient P019	1.63



(57) Abstract: The present invention discloses the differential expression of the TB2 gene in specific brain regions of Alzheimer's disease patients. Based on this finding, this invention provides a method for diagnosing or prognosticating a neurodegenerative disease, in particular Alzheimer's disease, in a subject, or for determining whether a subject is at increased risk of developing such a disease. Furthermore, this invention provides therapeutic and prophylactic methods for treating or preventing Alzheimer's disease and related neurodegenerative disorders using the TB2 gene and its corresponding gene products. A method of screening for modulating agents of neurodegenerative diseases is also disclosed.

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